



PATENT

Case Docket No. STANF.133A

Date: February 11, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hee Gap Park et al.
Appl. No. : 10/676,543
Filed : October 1, 2003
For : ER-DOPED
SUPERFLUORESCENT FIBER
SOURCE WITH ENHANCED
MEAN WAVELENGTH
STABILITY
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 11, 2004

(Date)

Bruce S. Itchkawitz, Reg. No. 47,677

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with fifteen (15) references, with copies of thirteen (13) references.
- (X) A return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Bruce S. Itchkawitz
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Attorney of Record
Customer No. 20,995
(949) 760-0404



INFORMATION DISCLOSURE STATEMENT

Applicants : Hee Gap Park et al.
App. No. : 10/676,543
Filed : October 1, 2003
For : ER-DOPED SUPERFLUORESCENT
FIBER SOURCE WITH ENHANCED
MEAN WAVELENGTH STABILITY
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing fifteen (15) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

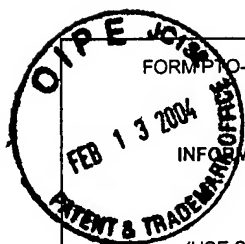
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/11/04

By: 

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
STANF.133AAPPLICATION NO.
10/676,543INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANTS
Hee Gap Park et al.FILING DATE
October 1, 2003GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,701,318	12/23/97	Digonnet et al.			
	2	6,483,628 B1	11/19/02	Digonnet et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	3	Falquier, D.G., "Erbium doped superfluorescent fiber sources for the fiber optic gyroscope," Ph.D. dissertation, December 2000, Applied Physics Department, Stanford University, Stanford, California.
	4	Hall, D.C., et al., "High-stability Er ³⁺ -doped superfluorescent fiber sources," <i>J. Lightwave Tech.</i> , Vol. 13, No. 7, pp. 1452-1460, July 1995.
	5	Wysocki, P.F., et al., "Characteristics of erbium-doped superfluorescent fiber sources for interferometric sensor applications," <i>J. Lightwave Tech.</i> , Vol. 12, No. 3, pp. 550-567, March 1994.
	6	Gaiffe, T., et al., "Wavelength stabilization of an erbium-doped-fiber source with a fiber Bragg grating for high-accuracy FOG," <i>Proc. SPIE</i> , Vol. 2837, pp. 375-380, 1996.
	7	Patrick, H.J., et al., "Erbium-doped superfluorescent fibre source with long period fibre grating wavelength stabilisation," <i>Electron. Lett.</i> , Vol. 33, No. 24, pp. 2061-2063, 1997.
	8	Digonnet, M.J.F., "Broadband fiber sources," <i>Rare-Earth-Doped Fiber Lasers and Amplifiers</i> , pp. 313-340, 2001, 2 nd Edition, M.J.F. Digonnet, Ed., Marcel Dekker, Inc., New York.
	9	Wysocki, P., et al., "Wavelength Stability of a High-Output, Broadband, Er-Doped Superfluorescent Fiber Source Pumped near 980 nm," <i>Opt. Lett.</i> , Vol. 16, No. 12, pp. 961-963, June 1991.
	10	Zatta, P.Z., et al., "Ultra-high-stability two-stage superfluorescent fibre sources for fibre optic gyroscopes," <i>Electron. Lett.</i> , Vol. 38, No. 9, pp. 406-408, April 2002.
	11	Falquier, D.G., et al., "A depolarized Er-doped superfluorescent fiber source with improved long-term polarization stability," <i>IEEE Photon. Tech. Lett.</i> , Vol. 13, pp. 25-27, January 2001.
	12	Falquier, D.G., et al., "A polarization-stable Er-doped superfluorescent fiber source including a Faraday rotator mirror," <i>IEEE Photon. Tech. Lett.</i> , Vol. 12, pp. 1465-1467, November 2000.
	13	Kemtchou, J., et al., "Absorption and emission cross-sections measurements for temperature dependent modeling of erbium-doped fibers amplifiers," <i>Proceedings of Third Optical Fibre Measurement Conference</i> , Liege, Belgium, pp. 1-4, 1995.
	14	Morkel, P.R., "Erbium-doped fibre superfluorescent for the fibre gyroscope," <i>Optical Fiber Sensors, Springer Proc. in Physics</i> , Vol. 44, pp. 143-148, 1989.
	15	Wysocki, P.F., et al., "Broadband Fiber Sources for Gyros," <i>SPIE Proceedings on Fiber Optic Gyros: 15th Anniversary</i> , Vol. 1585 (SPIE, Boston, Massachusetts, 1991), pp. 371-382.

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EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	